

CLAIMS:

1. An arterial prosthesis comprising biological inert polyester and polyurethane yarns, at least a portion of said yarns being agglutinated with gelatin/glycerin solution bonds.

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2. An arterial prosthesis as claimed in claim 1 comprising four layers of polyurethane and two layers of polyester, the polyester being compressed between tensioned polyurethane walls.

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3. An arterial prosthesis as claimed in claim 1 comprising a first woven layer interbraided with a second woven layer, the layers being comprised of a biologically inert polyester and polyurethane yarns, at least one coat of gelatin/glycerin bonds on the first and/or second woven layers.

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4. A method of manufacturing an arterial prosthesis comprising interbraiding a first woven layer with a second woven layer, the layers being comprised of biologically inert polyester and polyurethane yarns, and applying internal and external coats of gelatin/glycerin solution bonds thereto.

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